

Special Rules for Central Air Conditioners

Consumers should refer to the list of ENERGY STAR qualified products found at http://www.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup&pgw_code=EP or to the separate searchable database at <http://www.ceedirectory.org>.

Customers seeking a rebate for a central air conditioner which otherwise meets the performance criteria must submit an AHRI Certificate of Product Ratings and an invoice from the contractor or installer which includes vendor name and location, purchase date, and indoor and outdoor model numbers. The AHRI certificate will certify that the product meets the performance standards of the program. A tutorial for the directory can be found here: http://www.ceedirectory.org/Content/HowtoUsetheDirectory_10.aspx

Accompanying invoices must include model numbers of both the outdoor unit AND the indoor unit.

CENTRAL AIR CONDITIONER PERFORMANCE CRITERIA

Central Air Conditioners

≥ 14.5 SEER/ ≥ 12 EER for split systems

≥ 14 SEER/ ≥ 11 EER for single package equipment

Seasonal Energy Efficiency Ratio (SEER)

This is a measure of equipment energy efficiency over the cooling season. It represents the total cooling of a central air conditioner or heat pump (in Btu) during the normal cooling season as compared to the total electric energy input (in watt-hours) consumed during the same period. SEER is based on tests performed in accordance with AHRI 210/240 (formerly ARI Standard 210/240).

Energy Efficiency Ratio (EER)

This is a measure of the instantaneous energy efficiency of cooling equipment. EER is the steady-state rate of heat energy removal (e.g., cooling capacity) by the equipment in Btuh divided by the steady-state rate of energy input to the equipment in watts. This ratio is expressed in Btuh per watt (Btuh/watt). EER is based on tests performed in accordance with AHRI 210/240 (formerly ARI Standard 210/240).